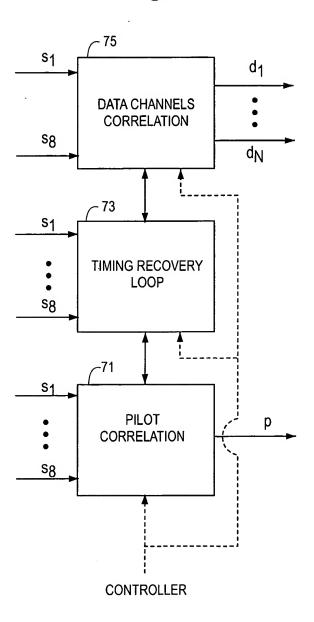
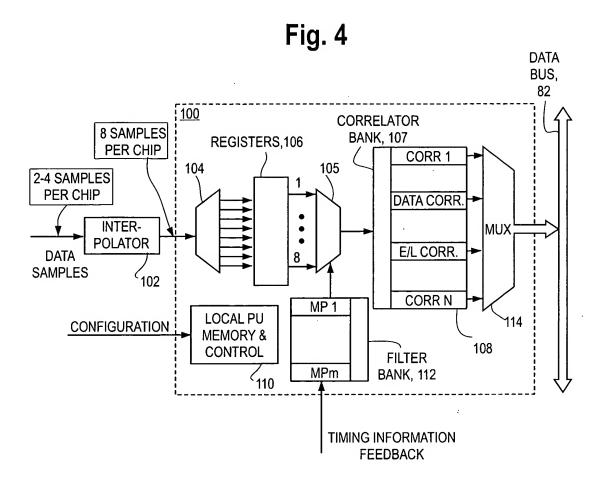


Fig. 2 **DATA TAGGING** CONTROLLER **TIMING TRACKING** SYMBOL DEMODULATION **CONTROL BUS** 80 **ANALOG** MATCH-INTER-PROCESS-ADC ED DATA **POLATOR** 68 ING **FILTER** BUS, 82ر RF FREQUENCY **FRONT** ΡU **UNIT, 42** TO **END NEXT** 7₇₀ - 46 -50 STAGE COMBIN-**ANALOG** MATCH-INTER-SYNC. **ING UNIT** PROCESS-ADC ED **POLATOR** UNIT ING FILTER 32-[€] 84

Fig. 3





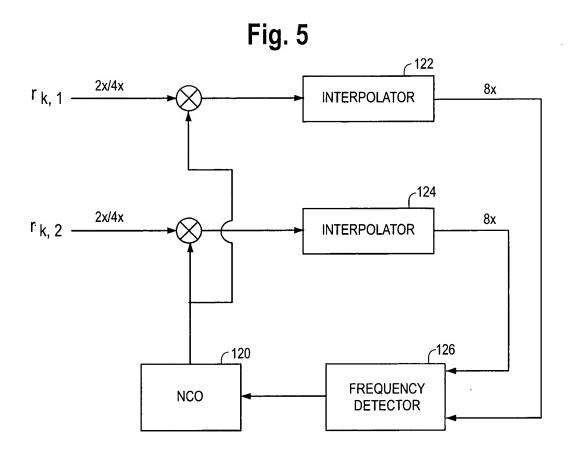
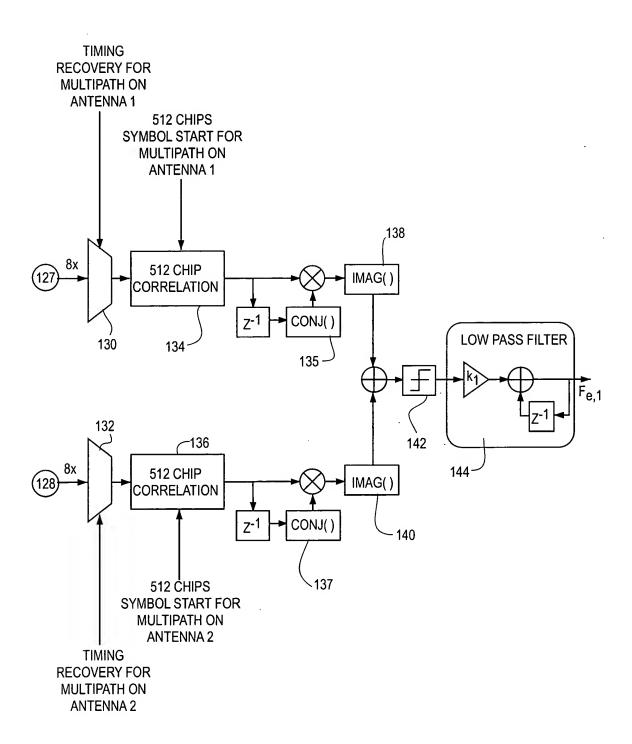
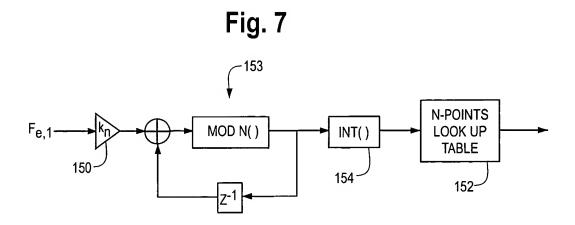


Fig. 6





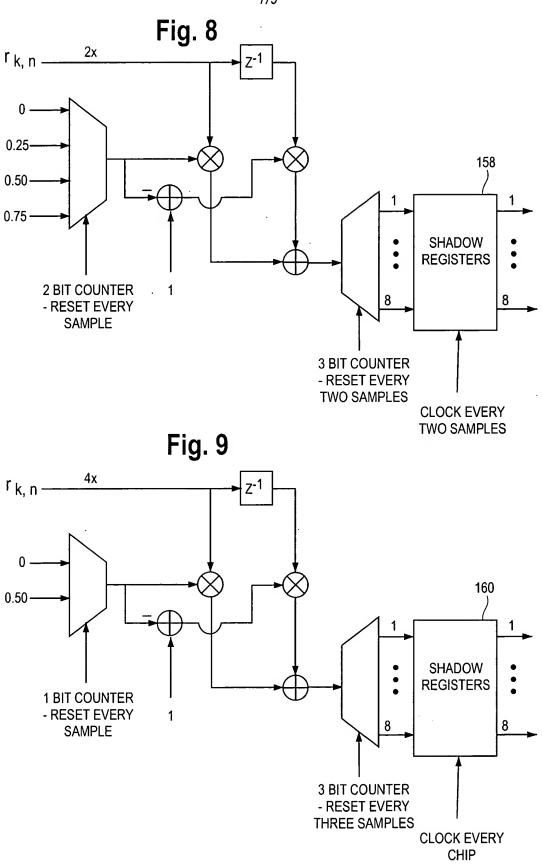


Fig. 10

PROCESSING UNIT	RESOURCE	MULTIPATH ANTENNA	SPREADING FACTOR	ORTHOGONAL CODE	PURPOSE			
PU 1	CORRELATOR #1	MP 1/ANT. 1	256	ONE	PILOT			
	CORRELATOR #2	MP 1/ANT. 1	256	ONE	TIMING RECOVERY			
	CORRELATOR #3	MP 1/ANT. 1	256	TWO	CHANNEL ONE			
	CORRELATOR #4	MP 1/ANT. 1	128	THREE	CHANNEL TWO			
	CORRELATOR #5	MP 2/ANT. 1	256	ONE	PILOT			
	CORRELATOR #6	MP 2/ANT. 1	256	ONE	TIMING RECOVERY			
	CORRELATOR #7	MP 2/ANT. 1	256	TWO	CHANNEL ONE			
	CORRELATOR #8	MP 2/ANT. 1	128	THREE	CHANNEL TWO			
	CORRELATOR #9	MP 3/ANT. 2	256	ONE	PILOT			
	CORRELATOR #10	MP 3/ANT. 2	256	ONE	TIMING RECOVERY			
	CORRELATOR #11	MP 3/ANT. 2	256	TWO	CHANNEL ONE			
	CORRELATOR #12	MP 3/ANT. 2	128	THREE	CHANNEL TWO			
	CORRELATOR #13	POWERED DOWN						
	CORRELATOR #14	POWERED DOWN						
	CORRELATOR #15	POWERED DOWN						
PU 2	POWERED DOWN							
PU 3	POWERED DOWN							

Fig. 11

PROCESSING UNIT	RESOURCE	MULTIPATH ANTENNA	SPREADING FACTOR	ORTHOGONAL CODE	PURPOSE		
PU 1	CORRELATOR #1	MP 1/ANT. 1	256	ONE	PILOT		
	CORRELATOR #2	MP 1/ANT. 1	256	ONE	TIMING RECOVERY		
	CORRELATOR #3	MP 1/ANT. 1	256	TWO	CHANNEL ONE		
	CORRELATOR #4	MP 1/ANT. 1	128	THREE	CHANNEL TWO		
	CORRELATOR #5 THRU 15	POWERED DOWN					
PU 2	CORRELATOR #1	MP 2/ANT. 1	256	ONE	PILOT		
	CORRELATOR #2	MP 2/ANT. 1	256	ONE	TIMING RECOVERY		
	CORRELATOR #3	MP 2/ANT. 1	256	TWO	CHANNEL ONE		
	CORRELATOR #4	MP 2/ANT. 1	128	THREE	CHANNEL TWO		
	CORRELATOR #5 THRU 15	POWERED DOWN					
PU 3	CORRELATOR #1	MP 3/ANT. 2	256	ONE	PILOT		
	CORRELATOR #2	MP 3/ANT. 2	256	ONE	TIMING RECOVERY		
	CORRELATOR #3	MP 3/ANT. 2	256	ŤWO	CHANNEL ONE		
	CORRELATOR #4	MP 3/ANT. 2	128	THREE	CHANNEL TWO		
	CORRELATOR #5 THRU 15	POWERED DOWN					